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PIMPINAN UMUM/ PENANGGUNG JAWAB
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Universitas Islam Indonesia

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SEL LEMAK DAN PERANANNYA DALAM PENYAKIT

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ABSTRACT

It is well known that adipose tissue mass increases greatly in obesity. In Indonesia obesity prevalence tends to increase. It raised the risk of morbidity and total cost attributable to obesity related disease. The adipose tissue is energy storage, fatty acids being released when fuel is required. It is now adipose tissue expresses and secretes factors with important endocrine functions. These factors include adiponectin, adiponin, leptin, protein of the renin-angiotensin system, plasminogen activator-1, other cytokines and resistin. A better understanding of the endocrine function of adipose tissue will give evidence of links between increased production of some adipocyte factors and the metabolic and cardiovascular complications of obesity.

Key words: adipose tissue, obesity, endocrine organ